

Please delete paragraph 1 at page 86, lines 2-9, and insert therefor:

03
-- A system for storing and accessing information related to an operator administering one or more procedures in a blood component collection facility is disclosed. The blood component collection facility collects a blood component from a donor by utilizing a blood component collection instrument which is capable of being adapted to the donor. The operator facilitates interaction of the donor with the blood component collection facility. The system includes a blood component collection instrument, a system server, a blood component collection process identifier, an operator interface, a transmitter, and a management interface--

IN THE CLAIMS

Please cancel claims 1-48.

Additionally, please add the following claims.

49. A system for managing a procedure in a blood component collection facility, the system comprising:

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a blood component donor identifier corresponding to a blood component donor;
an operator identifier corresponding to a blood component collection instrument operator;
a blood component collection instrument for collecting a blood component from the blood component donor;

a system computer being operably connected to the blood component collection instrument, the system computer running a blood component collection application defining at least one step of a blood component collection process; and,

an interface having a reader and being operably connected to the system computer for receiving the blood component donor identifier and the operator identifier and transmitting the operator identifier to the system computer proximate the performance of the at least one step of the blood component collection process.

50. The system of claim 49, wherein blood component collection application comprises at least one code segment, the at least one code segment selected from a group consisting of a blood component collection initialization code segment, an arm-prep code segment, a remove-

blood-component code segment, and a disconnect-blood-component-donor code segment.

51. The system of claim 49, wherein the blood collection component application associates the blood component donor identifier with the operator identifier.

52. The system of claim 51, wherein the reader receives separate input of the blood component donor identifier and the operator identifier from a location proximate the blood component collection instrument.

53. The system of claim 51, wherein the reader receives separate input of the blood component donor identifier and the operator identifier proximate in time one from the other and prior to blood component collection.

54. The system of claim 49, wherein the operator identifier is transmitted to the system computer after the performance of the at least one step of the blood component collection process.

55. The system of Claim 49, further comprising a second interface operably connected to the system computer, the second interface for providing access to the data related to the blood component collection process.

56. The system of Claim 55, wherein the second interface provides access to at least a portion of the data related to the blood component collection process, the data being received by the second interface in response to a request received by the system computer.

57. The system of Claim 55, wherein the second interface provides access to remote blood component collection facility data.

58. The system of Claim 55, wherein the second interface provides access to performance statistics for the blood component collection process.

59. The system of Claim 55, wherein the second interface provides access to a record of an operator's interaction with the blood component collection facility, the interaction of the operator with the blood component collection facility having been concomitantly logged into the memory for the blood component collection process by the operator via the interface.

60. The system of Claim 55, wherein the second interface provides access to information related to the donor.

61. The system of Claim 55, wherein the second interface provides access to information related to the blood component collection instrument.

62. The system of Claim 55, wherein the second interface provides access to quality assurance statistics of the blood component collection facility.

63. The system of Claim 55, further comprising an operator identifier wherein the operator utilizes the interface to transmit the operator identifier and the blood component collection kit identifier to the system computer.

64. The system of Claim 49, further comprising a blood component collection kit for connection to the blood component collection instrument, the kit having a blood component collection kit identifier.

65. The system of Claim 49, wherein the blood component collection process further comprises a blood component collection instrument set-up procedure.

66. The system of Claim 49, wherein the reader comprises at least one of a touch pad, a keypad, an optical scanner and a magnetic scanner, for entering the request for information logged into the system computer.

67. The system of Claim 49, further comprising a report generated by the blood component collection application and displayed via the interface, wherein the report provides blood component collection facility information associated with the donor.

68. The system of Claim 49 comprising a report generated by the blood component collection application and displayed via the interface, wherein the report for provides blood component collection facility information associated to the blood component collection kit.

69. The system of Claim 49, further comprising a remote server operably connected to the system computer via a communication network, wherein the remote server monitors and tracks a remote blood collection facility.

70. The system of Claim 69, wherein a second interface provides access to the remote server through a browser within the second interface.

71. The system of Claim 69, wherein a second interface provides access to data received by the system computer from the remote server.

72. The system of Claim 50, wherein blood-component-collection-initialization code segment requests a blood component instrument identifier.

73. The system of Claim 72, wherein the blood-component-collection-initialization code segment further requests a blood component collection process identifier.

74. The system of Claim 73, wherein the blood-component-collection-initialization code segment further requests the donor identifier.

75. The system of Claim 74, wherein the blood-component-collection-initialization code segment further requests the operator identifier.

76. The system of Claim 50, wherein the arm-prep code segment further requests an anatomical location on the donor for drawing the blood component.

77. The system of Claim 50, wherein the arm-prep code segment further requests the operator identifier.

78. The system of Claim 77, wherein the arm-prep code segment further requests blood component collection instrument identifier.

79. The system of Claim 78, wherein the arm-prep code segment further requests a blood component collection process identifier.

80. The system of Claim 79, wherein the arm-prep code segment requests a blood component instrument identifier.

81. The system of Claim 50, wherein the remove-blood-component code segment requests a blood component instrument identifier.

82. The system of Claim 81, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

83. The system of Claim 82, wherein the remove-blood-component code segment further requests an operator identifier.

84. The system of Claim 81, wherein the remove-blood-component code segment further requests a blood component collection instrument identifier.

85. The system of Claim 84, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

86. The system of Claim 85, wherein the remove-blood-component code segment further requests the operator identifier of the operator administering the remove-blood-component procedure.

87. The system of Claim 86, wherein the remove-blood-component code segment further requests confirmation of a calculated amount of blood component to be removed and an actual amount of blood component removed.

88. The system of Claim 87, wherein the remove-blood-component code segment further requests a reason for a difference between the calculated amount of blood component to be removed and the actual amount of blood component removed.

89. The system of Claim 88, wherein the disconnect-blood-component-donor code segment further requests the operator identifier of the operator administering the disconnect-blood-component-donor procedure.

90. The system of Claim 50, wherein the disconnect-blood-component-donor code segment further requests a reaction of the blood donor during the blood component collection process.

91. The system of Claim 49, further comprising an alarm generated by the blood component collection application and displayed via the interface for alerting the operator of a condition affecting the blood component collection process.

92. The system of Claim 49, further comprising an alarm generated by the blood component collection application and displayed via the interface for alerting the operator of a condition affecting the blood component collection instrument.

93. The system of Claim 49, wherein blood component collection application comprises

at least one code segment for receiving data, the data selected from a group consisting of clearing instrument alarm data, clearing instrument alert data, instrument set-up data, soft good data, program procedure data, arm-prep data, venipuncture data, remove plasma data, disconnect data, saline data, donor reaction data, re-sync data, move donor data, procedure termination data, change component data, maintenance data, field service data, out-of-service data, and in-service data.

94. The system of Claim 93, wherein the at least one code segment further receives the operator identifier proximate in time with the receipt of the data.

95. The system of Claim 93, wherein the at least one code segment further receives a blood component collection identifier proximate in time with the receipt of the data.

96. The system of Claim 93, wherein the at least one code segment associates the operator identifier with the data.

97. The system of Claim 93, wherein the at least one code segment associates a blood component collection instrument identifier with the data.

98. A computer readable medium having computer program code stored thereon, the computer program code for managing inventory of blood component collection soft goods in a blood component collection facility, comprising:

a first code segment for receiving a blood component donor identifier corresponding to a blood component donor;

a second code segment for receiving an operator identifier corresponding to a blood component collection instrument operator;

a third code segment for defining at least one step of a blood component collection process;
and,

a fourth code segment for receiving the operator identifier proximate the performance of the at least one step of the blood component collection process.

99. The computer readable medium of claim 98, further comprising at least one code segment selected from a group consisting of a blood component collection initialization code segment, an arm-prep code segment, a remove-blood-component code segment, and a disconnect-blood-component-donor code segment.

100. The computer readable medium of claim 98, further comprising a code segment for associating the blood component donor identifier with the operator identifier.

101. The computer readable medium of claim 100, further comprising a code segment for receiving a separate input of the blood component donor identifier and the operator identifier from a location proximate the blood component collection instrument.

102. The computer readable medium of claim 100, further comprising a code segment for receiving a separate input of the blood component donor identifier and the operator identifier proximate in time one from the other and prior to blood component collection.

103. The computer readable medium of claim 100, further comprising a code segment for transmitting the operator identifier to the system computer after the performance of the at least one step of the blood component collection process.

104. The computer readable medium of claim 98, further comprising a code segment for providing access to the data related to the blood component collection process.

105. The computer readable medium of claim 104, further comprising a code segment for accessing at least a portion of the data related to the blood component collection process, the data being received by the second interface in response to a request received by the system computer.

106. The computer readable medium of claim 104, further comprising a code segment for accessing remote blood component collection facility data.

107. The computer readable medium of claim 104, further comprising a code segment for accessing performance statistics for the blood component collection process.

108. The computer readable medium of claim 104, further comprising a code segment for accessing a record of an operator's interaction with the blood component collection facility, the interaction of the operator with the blood component collection facility having been concomitantly logged into a memory for the blood component collection process by the operator.

109. The computer readable medium of claim 104, further comprising a code segment for accessing information related to the donor.

110. The computer readable medium of claim 104, further comprising a code segment for accessing information related to the blood component collection instrument.

111. The computer readable medium of claim 104, further comprising a code segment for accessing quality assurance statistics of the blood component collection facility.

112. The computer readable medium of claim 104, further comprising a code segment for transmitting the operator identifier and the blood component collection kit identifier to the system computer.

113. The computer readable medium of claim 98, further comprising a code segment for generating a report, wherein the report provides blood component collection facility information associated with the donor.

114. The computer readable medium of claim 98, further comprising a code segment for generating a report, wherein the report provides blood component collection facility information associated to the blood component collection kit.

115. The computer readable medium of claim 98, further comprising a code segment for monitoring a remote blood collection facility.

116. The computer readable medium of claim 115, further comprising a code segment for accessing a remote server through a browser.

117. The computer readable medium of claim 115, further comprising a code segment for accessing data received from a remote server.

118. The computer readable medium of Claim 99, wherein blood-component-collection-initialization code segment requests a blood component instrument identifier.

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119. The computer readable medium of Claim 118, wherein the blood-component-collection-initialization code segment further requests a blood component collection process identifier.

120. The computer readable medium of Claim 119, wherein the blood-component-collection-initialization code segment further requests the donor identifier.

121. The computer readable medium of Claim 120, wherein the blood-component-collection-initialization code segment further requests the operator identifier.

122. The computer readable medium of Claim 99, wherein the arm-prep code segment further requests an anatomical location on the donor for drawing the blood component.

123. The computer readable medium of Claim 122, wherein the arm-prep code segment further requests the operator identifier.

124. The computer readable medium of Claim 123, wherein the arm-prep code segment further requests blood component collection instrument identifier.

125. The computer readable medium of Claim 124, wherein the arm-prep code segment further requests a blood component collection process identifier.

126. The computer readable medium of Claim 125, wherein the arm-prep code segment requests a blood component instrument identifier.

127. The computer readable medium of Claim 99, wherein the remove-blood-component code segment requests a blood component instrument identifier.

128. The computer readable medium of Claim 127, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

129. The computer readable medium of Claim 128, wherein the remove-blood-component code segment further requests an operator identifier.

130. The computer readable medium of Claim 129, wherein the remove-blood-component code segment further requests a blood component collection instrument identifier.

131. The computer readable medium of Claim 130, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

132. The computer readable medium of Claim 131, wherein the remove-blood-component code segment further requests the operator identifier of the operator administering the remove-blood-component procedure.

133. The computer readable medium of Claim 132, wherein the remove-blood-component

code segment further requests confirmation of a calculated amount of blood component to be removed and an actual amount of blood component removed.

134. The computer readable medium of Claim 133, wherein the remove-blood-component code segment further requests a reason for a difference between the calculated amount of blood component to be removed and the actual amount of blood component removed.

135. The computer readable medium of Claim 134, wherein the disconnect-blood-component-donor code segment further requests the operator identifier of the operator administering the disconnect-blood-component-donor procedure.

136. The computer readable medium of Claim 99, wherein the disconnect-blood-component-donor code segment further requests a reaction of the blood donor during the blood component collection process.

137. The computer readable medium of Claim 98, further comprising a code segment for generating and displaying an alarm for alerting the operator of a condition affecting the blood component collection process.

138. The computer readable medium of Claim 98, further comprising at least one code segment for receiving data, the data selected from a group consisting of clearing instrument alarm data, clearing instrument alert data, instrument set-up data, soft good data, program procedure data, arm-prep data, venipuncture data, remove plasma data, disconnect data, saline data, donor reaction data, re-sync data, move donor data, procedure termination data, change component data, maintenance data, field service data, out-of-service data, and in-service data.

139. The computer readable medium of Claim 138, wherein the at least one code segment further receives the operator identifier proximate in time with the receipt of the data.

140. The computer readable medium of Claim 138, wherein the at least one code segment further receives a blood component collection identifier proximate in time with the receipt of the data.

141. The computer readable medium of Claim 138, wherein the at least one code segment associates the operator identifier with the data.

142. The computer readable medium of Claim 138, wherein the at least one code segment associates a blood component collection instrument identifier with the data.

143. A method for managing inventory of blood component collection soft goods in a blood component collection facility, comprising:

receiving a blood component donor identifier corresponding to a blood component donor;

receiving an operator identifier corresponding to a blood component collection instrument operator;

transmitting information corresponding to at least one step of a blood component collection process, wherein the at least one step of the blood component collection process is selected from a group consisting of a blood component collection initialization procedure, an arm-prep procedure, a remove-blood-component procedure, and a disconnect-blood-component-donor procedure; and,

receiving the operator identifier proximate the performance of the at least one step of the blood component collection process.